

1-5. (Canceled)

6. (New) A method of producing a sterile packaging container from a pre-form, said method comprising the steps of:

a heating phase in which the pre-form of the container is heated to a temperature which exceeds the dew point temperature of a gaseous sterilization medium;

a sterilization phase in which the pre-form is sterilized by the sterilization medium in a gaseous phase;

a ventilation phase in which the pre-form is ventilated for removing residuals of the sterilization medium; and

a blow molding phase for reforming the sterilized pre-form into a final form packaging container.

7. (New) The method according to claim 1 in which the sterilization medium is hydrogen peroxide.

8. (New) The method according to claim 1 in which hot sterile air is used in the ventilation phase.